

THE SUPERIOR OIL COMPANY

STATE "D" COM #1  
1980' FNL & FEL  
Section 4, T-14-S, R-34-E  
Undesignated Field  
Lea County, New Mexico

DRILL STEM TESTS

- DST (#1) 10,304-334 TO w/strong blow air, 75#, GTS 37 minutes, turned to pit on 1/4" choke with pressure decreasing in 75 minutes and to 2 psig in 83 minutes, Flowed 125 MCFD decreasing to 25 MCFD. Reversed out 4996' oil and gas (2300' oil and 2696' gas) 23 BO, 43° API plus 90' HO&GCM below circ sub. IHP 4800, ISIP 3566, IFP 164, FFP 796, FSIP 3500/2 hrs. FH 4777.
- DST (#2) 10,374-409 TO 20 minutes pre-flow with strong blow air, 125#, GTS 26 minutes. TO 2-1/2 hour flow through 1/4" choke with gas flow 220 MCFD, MTS 48 minutes, OTS 50 minutes, 125 psig increasing to stabilized pressure of 560 psig in 90 minutes. Estimated flow rate of 12 BOPH. Reversed out 21 BO plus 90' HO&GCM below circ sub, 44° API. IHP 4880, FSIP 3478/5 hrs. ISIP/1-1/2 hrs. 3478, FHP 4903, IFP 2053, FFP 3386.
- DST (#3) 10,445-470 TO 5 minutes pre-flow. TO 1-1/4 hours with weak blow. GTS in 53 minutes, TSTM. Reversed out 425' mud and salt water. Recovered 90' O&GCM with sulphur odor below circ sub. Water 57,000 PPM CL. Mud 6000 PPM CL. IHP 4926, ISIP 3524/1 hour, IFP 92, FFP 230, FSIP 3547/2-1/2 hours, FHP 4903.